28 November 1949

MEMORANDUM FOR: D/Pub. ORE

ATTENTION : 25X1A

SUBJECT : Request for Intelligence Information

1. It is requested that this office be provided with the following intelligence information:

- (a) The nature, extent, and value of mining rights in Greece held by a Swiss holding company called Bauxit Trust. The Greek corporation owned by this holding company has mining rights near Megara and in the Parnassos.
- (b) Any other available data on Bauxit Trust.
- 2. This information is desired as early as practicable or by 7 December 1949.

25X1A

Reference: Case #643

# CONFIDENTIAL Approved For Release 1999/09/27: CIA-RDR79T01049A000100050003-9

# ROUTING AND RECORD SHEET

INSTRUCTIONS: Officer designations (see separate sheet) should be used in the "To" column. Under each comment a line should be drawn across sheet and each comment numbered to correspond with the number in the "To" column. Each officer should initial (check mark insufficient) before further routing. This Record and Routing Sheet should be returned to Registry.

ACCESSION NO. 25X1A FROM: 28 November 1949 DATE RECEIVED IN S. A. 249 South OFFICER'S INITIALS DATE COMMENTS ROOM NO. TO FORWARDED RECEIVED 2501 D/Pub.ORE 1411 25X1A 7. 9. 10. 11. 12. 13. Approved For Release 1999/09/27: CIA-RDP/79T01049A000100050003-9 (614) CONFIDENTIAL



1 December 1949

### 25X1A

MEMORANDUM FOR:



SUBJECT

Request for Intelligence Information

- 1. It is requested that this office be furnished with information on the following:
  - A. What are the major plants producing armor plate, special and high grade steels? What was the production (in metric tons) at each of these plants in 1948? The first 6 months of 1949?
  - B. Are plants #71 and #74 at Ishevsk (Urals) and #172 at Molotov (Urals) important special steel producers for ordnance? What percentage of total Soviet steel for ordnance do they produce? What was their production in 1948? The first 6 months of 1949?
  - C. What routes are used for transportation of coking coal from mines to iron and steel plants in the Ukraine?
  - D. What is the delivery (in metric tons) of coking coal from the Kuzbas to individual steel plants in the Urals (total for each plant in 1949)?
  - E. How dependent are Ural steel plants (in 1948 and 1949) on coking coal from Koraganda?
  - F. Which locomotive plants produce their own steel? How important are they compared to other locomotive plants? Do they produce sufficient steel for their own needs? If not, where do they obtain the additional steel needed?
  - G. What minerals used in special steels are the Soviets finding difficulty in supply? What is the cause of the difficulty? Where are the mines? Which plants do these mines supply?

Approved For Release was supply steel for the following?

SECRET

SECRET

Approved For the following?

SECRET

6 months

-2-

### 6 months of 1949?

(1) Heavy Tank Plants at:

Chelyabinsk

Ufa

Dnepropetrovsk

Zlatoust

Gorki

(2) Heavy Artillery Plants at:

Sverdlovsk Stalinsk Vladivostok Leningrad Kramatorsk

Chelyabinsk

(3) Heavy Mortar Plants at:

Moscow

Sverdlovsk

Molotov Krasnoyarsk Barnaul Rostov

Kuibyshev

Kiev

Novosibirsk

Makhachkala

Khabarovsk Kramatorsk

I. Which plants supply steel for Soviet submarine plants? How much was supplied by each in 1948? For the first 6 months of 1949?

25X1A



Reference: Case No. 628

9 December 1949

SUBJECT: Industrial Information on the USSR

REFERENCE: Case No. 628

A. No answer possible under time limit.

11/41

- B. Plants #71 and #74 at Izhevsk and #172 at Molotov are both important producers of high grade steel for the ordnance industry of the USSR.

  Their percentage of steel produced for ordnance, 1948 and 1949 production is not known.
- C. In reply to paragraph (C) of subject memorandum, the density of freight traffic on the coal routes is three times the average for the Soviet Union. In the Ukraine, the electrification of the route: Dolgintsevo-Bikopol and the reported extension of this electrification to Zaporozhe is an indication of heavy freight traffic on this route. Further reports state that the line Debaltsevo-Kolpakovo-Zverovo is electrified and it is possible that this route will be linked to Zaporozhe via Chaplino into one electrified line. Stations and yards in the Ukraine are reportedly being electrified. In addition to the main east-west route described above, the steam-operated lines of the Stalin, North Donets, and South Donets Railroads are the principal carriers of coal freight. The hub of the Ukrainian coal

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met is Stalino. A double-tracked north-mouth line runs from the steel plants

at Mariupol to the mining and steel area at Stalino. From this city, a

double-tracked line leads to Kiev. In addition to the dense local net about

Stalino, through lines run from that city to Veroshilovgrad and Taganrog.

It is believed that the principal coking plants and mining areas in the

Ukraine are on these routes.

D. This question cannot be answered directly. However, the following coke production chart for 1949 may be of use. The plants mentioned below are those which process coal from the Kusnetsk basin.

Coke Plant	Metric Tons		
Hagnitogorsk	4,300,000		
Novo-Tagil	1,950,000		
Chelyabinsk	1,250,000		
Gubekha	500,000		
Orak	1,000,000		
Kemerovo	3,500,000		
Kuznotsk (in Stalinsk)	3.500.000		
Total production	16,000,000		

E. Coking coal from the Karaganda basin has played an important part in the development of the Urals iron and steel industry in recent years. This basin is located 600 kms. nearer the southern Urals industry than is the Kusnetsk basin.

Approved For Release 1999/09/27. Cla-RDP79T01049A000100050003-9 portion can be used if it is cleaned and mixed with high quality coking coal. Karaganda coal can thus be utilized either by mixing the various Karaganda coals or by blending it with coals from the Kuznetsk or Kizel basins.

In 1940, the besin provided 620,000 tons of coking coal or 20 percent of the consumption in the Urals for that year. Output in 1944 increased 1.2 times over the 1940 level and was stepped up to 2.5 times the 1940 level in 1947. Soviet planned goals call for an annual output, beginning in 1948, of 2.5 to 3.0 million tons.

Increased production, however, will depend upon the solving of various economic and technical problems. Chief among these is the problem of utilizing a wider assortment of coals, particularly those which contain a relatively high ash content. It is probable that production from this basis in 1949 will reach 2.5 million tons.

- F. A full reply to paragraph (F) of subject memorandum would require detailed study. Information readily available in this office concerns the following plants:
- Approved For Release 1999/09/2020 A-RDP79T01049A000100050003-9

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steel and iron ore from Magnitogorak. It is possible that this factory

accounts for 40 percent of Soviet locomotive production.

- b. The Koloma Factory in Moscow has 3 open hearth furnaces and 6 Bessemer converters. It accounts for approximately 25 percent of USSE locomotive production.
- is reported that "steel of the hardest type is brought from the Urals".

  The plant receives ingots in 3 qualities of steel. Connecting rods, valves, injectors, generators, boilers, and steam pipes are obtained locally from Bryanek. Coal and coke are received from the Donats area. Crude iron shipments in bars come from the Urals. Shipments of "steel ingots and gray cast iron" are also brought in from the Urals. The Bezhitsa plant accounts for approximately 9 percent of Soviet locomotive production.
- d. The Bovocherkasak Locomotive Factory has 3 Bessemer converters, and 5 blast furnaces were scheduled in October 1948 for construction.
- e. The Krasnoye Sermovo Factory at Corkij mammfactures several types of water craft, military vehicles, and railroad equipment including locomotives. The plant is reported to receive 5,250 tons of steel monthly from

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-4-

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Approved For Release 1999/09/27: CIA-RDP79T01049A000100050003-9

the Kirov plant at Kulebeki (Havashine 55°22'H-42°35'K). Coal and other raw materials come from Lonets and the Urals. Steel is also made at the plant. In addition to a rolling mill, the plant operates two foundries with 9 Siemens-Martin open-hearth furnaces, two electric furnaces, and casting machinery.

- f. The Ufa Foundry produces locomotive wheels and the Crak Foundry manufactures locomotive parts.
- The following minerals used in special steels are in short supply in the USSR: molybdenum, cobalt, vanadium and tungsten. The short supply is due to the lack of sufficiently developed ore bodies of these minerals.

Mine locations (principal location of operating mines)

### Kolybdenum

1. Tyrny-Aus - Kabardino-Balkar ASSR 43°20' H - 42°50' E

2. Earobi - Georgian SSR 42045'N - 430'80'E

3. Balkhash - Kazakh SSR 470N - 750B

4. Balshoi Kebin Kirgiz SSR 430H - 76°20'E

5. Chikoi (Gutai) Chita Obl. 500N - 1080121E

6. Vaalta Khabarovsk Krai 51°30'N - 134°E

### Cobalt

1.	Rezh Sverdlovsk Obl.	57°25'N - 61°20'E
2.	Vfalei Chelyabinsk	56°5'N - 60°15'N
3.	Dashkesan Azerbaijan SSR	40032'N - 4605'E

### Vanadium

ı.	Kerch Crimen ASSR	45°20*H - 36°15*E
2.	Kusa Chelyabinsk Obl.	55°20'N - 59°45'E
3.	Suleimansai Kazakh SSR	43010'H - 70020'E
4.	Tuya-Muyum Kirgiz SSR	40°20'H - 72°35'E

#### Tungsten

	211				
1.	Tyrny-Aus	Kabardino-Ralkar ASSR	43°20*H	-	42°50°E
2.	Oumbeika	Chelyabinsk Obl.	55020	-	590301
3.	Langar	Samarkand Obl.	400301		65°561
4.	Akchatau	Karaganda Obl.	480	***	740301
5.	Kalba	Kazakh SSR	490	***	83084*
6.	<b>Ubi</b> nsk	· · · · · · · · · · · · · · · · · · ·	500151	-	810451
7.	Kolyvan'	Altai Krai	51°30*	_	820301
8.	Tuinsk	Krasnoyarsk Krai	54°30*	-	900
9.	Døbida	Buryat-Mongol ASSE	50 <sup>0</sup> 25*	-	103030*
10.	Sherlowaya	a Chita Obl.	50°351	-	116010
11.	Belukha	推。舒	51°18'	-	1160550
12.	Unglichik	an Khabarovsk Krai	53°5'	-	133°35'

These mines eventually supply all steel mills in the USSR which require these elements in the making of various special steels. However, there are four main plants which process the ores into ferro-tungsten, ferro-molybdenum, etc. These plants are:

- l. Ferro-alloy plant, Zestafoni, Georgian SSR
- 2. Ferrosplay farro-alloy plant, Chelyadinsk, Urals
- 3. Ferro-alloy plant, Aktyubinak, Kazakh SSR
- 4. Zaporoshetal, Zaporoshe, Okrainian SSR
- H. Plants furnishing steel for the following, plus amounts furnished wherever possible. (including pre-1948 amounts)

### Beavy Tank Plants

1. Chelyabinsk - The heavy tank plant at Chelyabinsk up through
1944 received some imported steels via Baku. The Tank Industry
Supply in Erasnovodsk furnished some steel. Certain alloy
steels were reported shipped to Chelyabinsk from Makhach-kala.

Nost of the steel seems to have come from Magnitogorsk, 55,000
tons sonthly in 1944. The tank plant itself produced 7,050
tons of steel per month in 1944.

- 2. Deepropetrovsk no information available on sources of supply of iron and steel.
- 3. Gorki The Gorki tank plant (Molotov Auto Factory) in 1944

  received 6.000 tons of steel monthly from the Kulebaki Metallurgical Plant, 7.000 tons monthly from the Vgksa Metallurgical

  Plant in Mizhne-Vykemski, and produced 1.000 tons of steel

  per month.
- 4. Ufa no information available which would answer the request.
- 5. Zhatoust no information available which would enswer the request.

### Heavy artillery plants

- Sverdlovsk possibly the same as the heavy mortar plant in Sverdlovsk.
- 2. Stalinsk the Stalinsk Gun Plant is a part of the Eusnetski Metallurgical Combine imoni Stalina and receives its steel from the Combine.
- 8. Valdivostok is supplied with steel from Amurstal in Komsomolsk.

  Bo 1948 or 1949 figures available.

- 4. Leningrad no information available which would answer the request.
- 5. Kramatorsk the plant was reported as producing 200,000 tons of steel per year in 1941. Probably is self sufficient in steel except possibly for some special steels.
- 6. Chelyabinsk is same plant as the Heavy Tank Plant.
  Heavy Mortar Plants
  - 1. Mescow no information available which would answer the request.
  - 2. Moletov the Chemical Combine imoni Kirov produced motars and made some of its own steel; it has one or two open hearth furnaces. The gun billets are obtained from plant #112 Krasnoye Sommove in Corkt.

The Molotov Armament Plant is the largest in the USSR. According to a 1943 report it produced some 350,000 tone of steel per year. Thus, this plant is almost entirely self sufficient in steel. Some cast iron was imported from Eushva and Nizhne-Tagil, profile steel from Chusovoi and Maikor, and ferro-alloys from Chelyabinek.

- 3. Krasnoyarsk this plant was reported as producing some 20,000 tons per year in 1943. It is at least partially self-sufficient.
- 4. Nuibysher no information available which would answer the request.
- 5. Novosibirsk in 1944, this plant had a rated yearly steel capacity of 45,000 tons. It is at least partially self-sufficient.
- 6. Khabarovek in 1944 and 1947 was supplied with steel from Amurstal in Komsonol'sk.
- 7. Sverdlovsk no information available which would answer the request.
- 8. Barnaul no information available which would answer the request.
- 9. Rostov the Krusny-Aksai Mortar Plant from 1942-1945 received steel from Makeevka, and cast iron and scrap from the Dombas Metal Distributor and Collecting Point Rostov.
- 10. Kier no information available which would answer the request.
- 11. Mahach Kala produces at least part of its own requirements.

### I. Submarine Plants

- 1. The Vladivostok shippard in 1941 produced 10,000 tons fisted for its own use. In 1948 it was reported to be assembling submarines from parts shipped from Leningrai.
- 3. The Gorki Shipyard probably receives its steel from Krasnoye Sormovo Steel Plant in Gorki.
- 3. Wikolaey. Ukraine the "Marti" submarine plant produces at least part of its own steel. In 1936 it produced 6,900 tons of raw steel per month.

CENTRAL PROGLIGENCE AGENCY

Projects

Project Initiation Hemorandum

From Publications Division, Projects Planning REL

Subject: Industrial Information on the USSR.

Statement of Project:

Origina

Problem: To provide available information as indicated.

Scope: It is understood that D/EE will provide as much of the information requested in Case. No. 628 as is readily available.

Graphics (if any):

Forms Memorandum to be drafted by D/KE

Draft due in D/Pub: 9 December 1949

Responsible Divisions D/RE

Internal Coordinations As needed

Departmental responsibilities Mone at present, although the exploitation of ID USUSA at a later date is recommended.

Classification to be no higher than Top Secret

Recommended Disserbuction;

Requester only

Approved For Release 1999/09/27 CIA-RDP79T01049A000100050003-9

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# Approved For Release 1999/09/87N QML RDP79I01049A000100050003-9

23 November 1949

### 25X1A

MEMORANDUM FOR:

:

SUBJECT

USSR Production Figures and Capital Equipment.

l. Production figures and capital equipment, including location of major plants, for the following industries of the USSR: steel, machine tools, vehicles (including tanks) aircraft, rubber and atomic. Also location of deposits and latest production figures on oil, manganese, aluminum and atomic ores. Also a report on the major forms of transportation. The above information is requested in the form of the latest definition reports on the various subjects.

### 25X1A

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This mamo has been expenseded by one Daked 2 Movember 1999, and makinals requested will appear as 19-47.

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Discussion deadline

## Approved For Release 1999/09/27: CIA-RDP79T01049A000100050003-9

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OFFICE OF RAPOLIC AND ESTIMATED

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5 Dec 1949

File

To D/MO, D/M

From Publications Myradon, Projects Munning

Subject: Somitherien election results

Statement of Project:

Origin: Internal

Tables To provide most recent election results for Horney, lectons,

Decreed:, Finland

Ecope: Breakism by party, to implicio popular nute and resultant

parlimentary representation

Graphics (11 any).

Form. Figures only

Director due la byleas 6900 6 Dec

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Responsible Divings 1/00, 1/2

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- 1. Scandinavia Electrons
- 3. Vormant- Electrons #
- 4. Denwark- Ekstons 6. Finland Electors

P-48

5 December 1949

MEMORANDUM FOR: D/pub, ORE

25X1A

ATTENTION

SUBJECT

Scandanavian Election Results

- 1. A breakdown of popular vote and of parliamentary representation resulting from the October national elections in Norway and Iceland is requested.
- 2. The same data on the most recent Danish and Finnish elections is also desired.

25X1A



Reference: Case No. 686

Approved For Release 1999/09/27 : CIA-RDP79T01049A000100050003-9

Election Results\* 1949

### Iceland

Party	Vote	% of total	Seats
Conservative	28,546	39.5	19
Progressives	17,659	24.5	17
Communists	14,077	19.5	9
Social Democrats	11,988	16.5	_7
Total	72,220	100.0	52
	Yor	***	,
Labor	800,792	45.8	<b>8</b> 5
Conservative	277,913	15.9	23
Liberal	216,581	12.4	21
Agrarian	85,008	4.9	12
Communist	101,666	5.8	0
Christian Peoples	146,413	8.4	9
Combined Lists	106,959	6.1	0
Community Party	12,914	0.7	0
Total	1,748,246	100.0	150

Actual vote count is subject to official recheck but no change in allocation of seats is anticipated

### Donmark

## UPPER HOUSE (result of April 1947 election)

Party	Votes	Seats
iccial Democrats	304,228	33
ioderate Liberals	185,108	21
Conservatives	103,076	13
Radical Liberals	43,201	7
Communists	71,907	1
League of Justice	18,362	0
Danish Union	8,547	0
Faeroe Islands rep.		_1
Total	714,419	76
LOWER HOUSE (resulting f	rom national election 28	
	834,089	57
Social Democrats	83 <b>4,</b> 089 676 <b>, 0</b> 33	57 49
Social Democrats Moderate Liberals	834,089 676,033 264,146	57 49 17
Social Democrats Moderate Liberals Conservatives	83 <b>4,</b> 089 676 <b>, 0</b> 33	57 49 17 10
Social Democrats Moderate Liberals Conservatives Radical Liberals	834,089 676,033 264,146	57 49 17 10 9
Social Democrats Moderate Liberals Conservatives Radioal Liberals Communists	834,089 676,033 264,146 144,133	57 49 17 10 9 6
Social Democrats Moderate Liberals Conservatives Radical Liberals	834,089 676,033 264,146 144,133 141,094	57 49 17 10 9

6 December 1949

SUBJECT: Contribution to IP-48, "Results of Most Recent Klections in Finland"

# The most recent national elections in Finland were held on 1 and 2 July 1948. Results were as follows:

Party	Popular Vote	Diet Seats
Social Democrats	494,719	54
Agrarian	455,635	56
Democratic Union (SKDL)	375,820	38
Coelition	320,366	33
Swedish People's	145,455	14
Progressives	73,444	· 5
Others	1,879,968	200



CENTRAL INTELLIGIBLE ACCORDY

Project: 2740

OFFICE OF HE CARS AND ESTIMATES

Project Education Home candum

Dabo: 7 Des 1949

File

'o: D/18

Prom: Publications Division, Projects Planning REC

Subject: Transmission of strategic materials through SovZone Cereagy

Statement of Project:

Origin:

Internal.

Problems

To provide "intelligence information concerning the transmission of strategic military or its components to the USSR and satellites from or through sectors Germany with particular reference to natural and synthetic fuel refinerics and plants."

Scope:

Note that DAR's statement of problem has been accepted by sequester

Graphics (if any):

Pornis

**Specific** 

Draft due in D/Pub: comission

Dissemination deadline (if any)

Responsible Division:

D/IB

Internal Coordination:

See .

Departmental responsibilities:

TOP SECURE

Classification to be no higher than

bequester only

Recommended Dissemination:

Approved For Release 1999 (FF) IA-RDP79T01049A000100050003-9

- 1. East-west trade 2. Germany, East-Exports

## IP-49

By memo to me, dated 6 Feb, and enclosing copy of memo from Straus to Barnard, Barnard indicated that OIR declined participation in this project.

7 Feb 50

REL

## SECRET

2 December 1949

MEMORANDUM FOR: D

D/Pub. ORE

25X1A

ATTENTION

:

SUBJECT

Intelligence Information on Germany

REFERENCE

(a) Memo ORE conversation with

25X1A

- l. In accordance with reference (a) it is requested that this office be provided with intelligence information concerning the transmission of strategic military material or its components to the USSR and satellites from or through eastern Germany with particular reference to natural and synthetic fuel refineries and plants.
- 2. It is also requested that an estimate be provided of the trade between the eastern and western zones of Germany as well as what key strategic materials are being supplied to the USSR and satellites from or through eastern Germany.

#### 25X1A



Attachment (1)

Reference: Cases #589,673

6.4

## TOP SECRET

25X1C

PROBLEM:

To estimate

strategic military

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( proposed of the land of the

material or its components to the USSR and its satellites from or through Eastern Germany. A In order to prepare such an estimate, various research analyses and considerable technical advice are required from both CIA components and IAC Agencies.

2. D/WE will arrange for the preparation of such analyses and the procurement of such technical advice from the appropriate sources, and on the basis of these data will prepare an estimate of what key strategic materials being supplied by the USSR uniquely from or through eastern Germany

25X1C

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TOP SECRET

## ROUTING AND RECORD SHEET

INSTRUCTIONS: Officer designations (see separate sheet) should be used in the "To" column. Under each comment a line should be drawn across sheet and each comment numbered to correspond with the number in the "To" column. Each officer should initial (check mark insufficient) before further routing. This Record and Routing Sheet should be returned to Registry.

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TO

CHIEF, D/Pub

DATE: 13 December 1949

FROM

CHIEF, D/WE

SUBJECT:

STRATEGIC MATERIAL FOR USSR FROM EASTERN GERMANY

- 1. D/WE is preparing an estimate of the transmission of strategic material or its components to the USSR and its satellites from eastern Germany. This estimate will be based on analyses submitted by IAC Agencies of strategic key material either of a military nature or contributing to Soviet war potential being supplied to the USSR and the satellites from Eastern Germany.
- 2. It is requested, therefore, that D/WE be furnished with the above analyses from OIR (State), ID (Army), and A-2 (Air Force). Included in the foregoing should be the output of electronics plants, scientific laboratories or research institutes, synthetic fuel plants, munitions plants, and plants manufacturing spare parts for tanks, anti-aircraft artillery, machine guns and other weapons, including naval armament or equipment, and such chemical industries as are engaged in the production of material which contributes directly or indirectly to Soviet war potential. Some estimate of the extent to which Soviet, as well as satellite, war potential industry depends upon shipment of critical materials from the Soviet Zone should be included.
- 3. It is requested that this information be submitted by the close of business 28 December 1949.

25X1A

# TOP SECRET

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## MOTHER CONTROL

Pate of Document 14 Dec

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DISTRIBUTION

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Approved For Release 1999/09/27: CIA-RDP79T01049A000100050003-9

#### WITHAL INTELLIGENCE AGENCY

LA December 1949

MORRAMOUN FOR: Special Assistant to the Secretary of State

for Research and Intelligence

Director of Intelligence, General Staff, US Army

Director of Naval Intelligence

Director of Intelligence, US Air Force

LUBJECT:

Strategic Material for USSR from Eastern Germany

BEEFERCE:

DCI 3/1, dated 8 July 1948

#### I. Problem.

ONE is making a continuing study of the transmission of attrategic material or its components to the USSR and its satellites from Eastern Germany.

#### 2. Scope.

the study will include the output of electronics plants, scientific laboratories or research institutes, synthetic fuel plants, amitions plants, and plants manufacturing spare parts for tanks, anti-creat artillery, machine guns and other weapons, including naval armament or equipment, and such chemical industries as are engaged in the production of material which contributes directly or indirectly to Soviet war potential. Some estimate of the extent to which Soulet, as well as satellite, war potential industry depends upon shipment of critical materials from the Soviet Zone will also be included.

#### 3. Departmental Action Required.

a. The departmental intelligence organizations are remosted to supply such of this information as may lie within their fields of competence by the close of business 28 December 1949.

25X1A

b. Inquiries on this project should be addressed to Code 143, extension 2249.

FOR THE DIRECTOR OF CENTRAL INTELLIGENCE:

Extensions: 16 Jan

25 Jan

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THEODORE PABBITT
Assistant Director
Reports and Estimates

ed For Release 1999/09/27 GIA-RDP79T01049A000100050003-9

#### CENTRAL INTELLIGENCE AGENCY

24 December 1979

MUNCHAMOUN FOR: Special Assistant to the Secretary of State

for Research and Intelligence

Director of Intelligence, General Staff, US Army

Director of Naval Intelligence

Director of Intelligence, US Air Force

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Strategic Material for USSR from Eastern Germany

MERICE:

DCI 3/1, dated 8 July 1948

#### 1 Problem.

Office is making a continuing study of the transmission of strategic naterial or its components to the USSR and its satellines from Bastern Germany.

#### 2. Score.

The study will include the output of electronics plants, scientific leboratories or research institutes, synthetic fuel plants, municions plants, and plants manufacturing spare parts for tanks, anticirculate artillery, machine guns and other weapons, including navel argament or equipment, and such chemical industries as are engaged in the production of material which contributes directly or indirectly to Soviet war potential. Some estimate of the extent to which Soviet, as wall as satellite, war potential industry depends upon shipment of critical materials from the Soviet Zone will also be included.

#### 3. Departmental Action Required.

3. The departmental intelligence organizations are requested to supply such of this information as may lie within their fields of competence by the close of business 28 December 1949.

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b. Inquiries on this project should be addressed to Code 143, extension 2249.

FOR THE DIRECTOR OF CENTRAL INTELLIGENCE:

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THEODORE PARETY Assistant Director Reports and Estimates

Assistant Director, ORE

17 February 1950

Chief, Western Europe Division, ORE

Lack of cooperation of IAC agencies.

- 1. On 7 December 1949 this Division received through the Publications Division a request from OPC for a study on the "Transmission of Strategic Materials Through the Soviet Zone of Germany".
- 2. Pollowing a conference between representatives of OPC and D/WE, terms of reference were agreed on and it was decided that other components of ORE and the IAC agencies should be asked to contribute.
- 5. Tab A is a copy of the running log of this project as kept by this Division's Chief of Intelligence Control. Tab B is a report submitted to me by the Intelligence Control member who worked on the project.
- 4. I feel that you will be interested in the lack of cooperation revealed in these tabs, particularly the performance of OIR.

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Copy for: D/Pub

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Tab "A" 17 February 1950 25X1A D/Pub at close of business. 9/XII/49 Received from 12/XII/49 Requests for data on this project made in writing to D/EE, D/Ec. Requests for data on this subject made to OIR, 13/XII/49 A-2, ID through D/Pub ONI included at suggestion of <sup>|</sup> 25X1A 25X1A 19/XII/49 Following phone calls from OIR and A-2 to stating that some material was available but deadline was too short to work it up. Deadline at tered to 16 January and so advised. 25X1A 27/XII/49 1500 - Date requested of D/EE received and given to 0530 -29/XII/49 conferred with Dr. and agreed to do what they could . 9/I/50 Deadline altered to 25 January. 30/1/50 1100 - A-2 and ONI Air contributions received and handed to Livermore. I/II/50 D/Pub, reports that a 1430 of OIR called and stated that through some mis-25X1A understanding or mishandling, OIR had not started work on this project, but was assigning a Mr. Strauss to it at once and that he would get in touch with Livermore. A request was made on 25X1A to get a statement in writing from OIR to the above effect. at first domurred because it would serve no useful purpose except to put OIR on the spot and that it would jeopardize 25X1A relations with OTR's liaison stated that in view of the many people. postponements and long delay in preparing this paper, D/Pub should tell OIR that a further postponement of deadline could be effected only if a request to that end were made in writing through channels. also suggested that 25X1A to someone with more authority than Livermore was instructed - these instructions were known to D/Puh - that if Strauss called he was to be asked how long the job would take him, and any of his questions were to be answered. Strauss's contribution arrived in time to be used it should be incorporated. If not we would pass our findings on without it. Livermore anticipates little useful data from State.

Tab "A" (cor	17 Feb. 1950
g/II/50	Strauss after talk with decided that State could add nothing to this paper and will make no contribution. OIR - Barnard - advised that this statement would be confirmed in writing.
7/11/50	1130 - Confirmation received as above.
13/11/50	0930 - OSI contribution received and passed to Livermore.
15/11/50	Copy of study, in duplicate, and 5 appendices forwarded this date to D/Pub. Project completed.

Tab "B"

17 February 1950

Tot

Chief, D/WE

From:

Intelligence Control, 1 - H

Subject:

Cooperation of IAC agencies and CIA components in Estimate for OPC.

Intelligence Control 1-H wishes to call attention to the generally unsatisfactory attitude taken by the IAC agencies and CIA components in regard to the Memorandum sent them by D/WE on 14 December 1949. In view of further requests that may be made for such cooperation on the working level, the matter is of more than passing importance.

#### IAC Agencies

Air Porcet

The report submitted by A-2 was excellent in all respects. It covered the field thoroughly and in detail, and its conclusions were clear and unequivocal. Great pains were taken in the preparation, particularly with the appendices, and the result stands as a model of what should be expected from this type of cooperative effort. Unfortunately, the drop from this to the level of effort of the other participants in this Estimate was startling.

Navyi

Although ONI appeared most cordial in its wish to cooperate, and conferences were held with the people
concerned in the preparation of the ONI report, the
finished product was very disappointing. It consisted of two typed pages of generalized statements
and a list of plants that might or might not be engaged in making war material on the Soviet account.
The report was too brief and sketchy to be of much
use, and its value was chiefly negative. ONI also
contributed references to four documents it had prepared previously on this subject, but while of general
interest, all were too out of date to meet the requirements of the Estimate.

Army:

G-2 contributed nothing but a very belated reference to four documents that it had previously prepared on the subject. Three of the documents were too out of date to be of service, and the other could not be located. G-2 also volunteered to do something additional in the event these documents were found unsatisfactory, but the offer, which was made by telephone to D/Pub, same too late for acceptance.

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Tab "B" (con'd)

17 Feb. 1950

States

D/WE's Memorandum was misrouted in OIR, and did not reach the proper desk in DHE until about I February. Although the subject of the Estimate was then discussed with a representative of DRE, who volunteered to make some slight contribution, this offer was subsequently cancelled on higher authority, and nothing was forthcoming from OIR.

#### CIA Components

OSII

OSI was most agreeable and cooperative in preliminary discussions of the problem involved. Its performance, however, did not come up to the level of its promises. The report, although superior to what was attempted by the other UIA components, was generally sketchy and inconclusive. It also gave signs of hasty preparation after D/WE had instituted inquiries with regard to its progress some weeks later.

Eo/GI

Both these components took the attitude that while they had all the necessary material, they did not have the time or the manpower to prepare a satisfactory report. Consequently, the project was undertaken

bas

report. Consequently, the project was undertaken with the greatest rejuctance, and neither contribution was of any value. D/EE did little more than to list 50 reports by number to indicate where the desired information might be found if one wanted to look for

D/EE:

it. Both components also strongly raised the point, as did ONI, that since all this material was available to D/WE they were under no obligation to put themselves to any extra trouble in the preparation of a

finished report.

Chief, Publications Division, ORE

15 February 1950

Chief, Western Europe Division, ORE

Transmission of Strategic Materials through SOVICHE Germany

- 1. Attached herewith is a study, with appendices, on the above subject to answer the requirements of IP-49, 7 December 1949.
- 2. Your attention is invited to the fact that this study is based on contributions from the CWI and A-2, as well as from sempenents of CIA. OIR declined in writing to supply material on the ground that it could add nothing to the information already in ORE's possession. Department of Army contribution not in form to be forwarded, but was used in preparation of study.
- 3. Copies have not been furnished to any office but yours. We clearance has been sought on the study.

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Emeloaures:

CC 5 Appendices

### Approved For Release 1999 (1997) \$ (1997) 1049A000100050003-9

# ESTINATE OF THE IMPORTANCE TO THE SOVIET WAR POTENTIAL OF THE TRANSMISSION OF STRATEGIC MATERIAL OR ITS COMPONENTS FROM EASTERN GERMANT (SOVIET ZONE) TO THE USSR

Following the close of World War II the industrial potential of the Seviet Zone was to a very large degree dismantled and shipped to the USSR. This was particularly the case in regard to those industries of a highly specialized scientific or technical character which would contribute directly to building up Soviet war potential. In addition to the physical plant and equipment of this type shipped to the USSR, about 7,000 German scientists and their families (a total of 30,000 people) were removed to the USSR in October 1946 to work under direct Soviet supervision on the development of various scientific projects connected with the Soviet war effort. Since that time there has been no further mass removal of scientists or technicians, although individuals have been forced from time to time to take up residence in the USSR. Such removals have been dictated by security considerations, and the wast bulk of materials and knowledge which Germany can contribute to the Soviet war potential is now located far behind the Iron Curtain. The very limited amount of equipment and technical skill remaining in eastern Germany is employed for the most part in experimental work, the results of which are sent to the USSE for production on a large scale. In the event of war it is estimated that the USSE could expand the remaining facilities in eastern Germany to a considerable extent, but at the most it would not amount to much more than 5 percent of the fotal war potential of the USSR. The importance of this, however, lies in the fact that it releases manpower, materials and equipment in the USSR for other military or industrial purposes.

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Erzgebirge region on the frontier of the Soviet Zone and Csecheslovakia.

Latest reports indicate that the USSR is continuing feverish uranium mining activity in this region. It is estimated that the USSR atomic energy program obtains approximately 50 percent of its uranium from the Wissaut AO in Saxony. The Soviet Zone supplies most of the mining and concentrating machinery, and probably all of the building materials, chemicals, electric power and food stocks used by the Wismut AG. During the last quarter of 1949 the SMA assigned Wismut first priority for delivery of industrial equipment within the Soviet Zone. About 125,000 German workers are employed under conditions of forced labor, accidents are frequent, production has been curtailed recently by explosions in the shafts, and sabotage is by no means out of the question.

The electronics industry of eastern Germany provides very little strategic electronics material for the USSR. For security reasons about 140 plants were removed to the USSR. The most important category of goods still being exported from the skeleton organisation left behind is electronic test equipment. In case of war, the USSR could allocate production of standard or well-known items such as field radios to Soviet Zone plants in order to free their own plants for more highly classified work. This development is not believed likely because of insecurity of the east German political situation and the relatively exposed location of the last German political situation and Approved For Release 1999/1005 SECRET

In eastern Germany there are apparently no scientific laboratories or research institutes presently engaged in nuclear research, nor is it likely that such research will be undertaken in the future. There are from four to six industrial laboratories and one research institute engaged in the development of precision instruments of value to the Soviet nuclear energy program. The quantitative contribution of these laboratories, either actual or potential, is not known. Engineering data and instrument models for radiation-intensity meters, process-control instruments, electron microscopes, sysletrons and computers are shipped to Moscow for dissemination to Soviet factories. In the field of biological research there are at present two institutes engaged in research in human and animal infectious diseases and in small-scale production of vaccines. Although not engaged in biological warfare activities at present, these installations are capable of making an important contribution to Soviet war potential in this field, if given new and modern equipment by the USSR.

Geophysical equipment of certain types is strategically important to the USSE, which in the past has been dependent on Germany for this type of instrument for operational as well as research uses. Although some German factories have been moved to the USSE, others are known to be in operation and have been recently re-quipped. Soviet inadequacy in this field is marked, and continued use of German-type instruments and delivery to the USSE is essential. Soviet supervision of this work is conducted through the Scienti-fic Sechnical Bureau of the Hydrometeorological Service of the SMA at 15 Resbrandtstrasse, Potsdam. Only fragmentary and indirect information is available on centers of research and development, production statistics, and volume of shipments.

The munitions and armments industry, after having been dismantled to a very large extent at the end of the wer, has been allowed to start operations again on a limited scale. At present, there are an estimated 28 installations in this field: 15 in the munitions industry, 6 in the tank economents industry, and 7 devoted to anti-aircraft guns and machine guns. The total output, however, represents a very small part of Soviet production in this field, and although it could be greatly expanded in the event of hostilities, the Soviet Zone contribution would still not be over 5 percent of the total Soviet output.

Meet of the shippards in eastern Germany are now being rebuilt and expanded. At present there are 11 installations in operation. Six of them are engaged in the production of small craft which can be readily converted to patrol or mine-laying vessels in case of hostilities; the other five installations are used for repair work for Soviet naval units and connercial shipping. There is also a definite probability that certain steel and machinery plants are manufacturing ship and submarine components for delivery to the USSR. The Office of Naval Intelligence is of the opinion, however, that little of the Soviet Zone production can be described as essential to the USSR in the sense

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is as evidence of submarine construction or assembly in eastern Germany.

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Soviet war potential is small but significant because of its strategic location with respect to actual and potential Soviet consuming units. Seven known plants are in operation, of which three (Seits, Boehlen, and Leuna) account for over 90 percent of the cutput. Annual production is estimated at 1,200,000 matric tons. One fourth of this total is allocated to the German economy; the rest is either stockpiled or shipped to the USSR, but in what proportions is not known. If maintained only at present levels, the industry would considerably lessen the transport problem involved in shipping fuel from the USSR. There are indications that the capacity of the Soviet Zone plants may be expanded once other shortcomings in the sonal economy are evergone.

Inasmuch as the economy of the Soviet Zone has been systematically subordinated to the needs of the USSR, sonal industry has contributed to the war potential of the USSR but on a consistently low level. Because of Soviet reparations and dismentling policies and practices, the zonal economy has been greatly realened, and the results continue to be apparent in the difficulties encountered by all major industries in meeting production quotas. As this situation improves, however, under Soviet plans for rehabilitation and expansion, a greater and more regular volume of machine tools, ball bearings, shemicals, and other critical items can be expected. Up to now, material shortages and plant deterioration have kept these items in short supply. Little is known at present with regard to the actual production of such items or the extent to faich they are shipped to the USSR. In no instance, however, are shippents from the Soviet Zone, apart from raw materials such as potash, coal, 25×10 serap metall, timber and foodstuffs, in sufficient quantities to add materially to Soviet war potential.

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NOTE: An evaluation of the separate items and plants is contained in the Appendices.



CEMERAL INTELLIGENCE AGENCY

Project:

ATTION OF HAPPING \$40 MOTHLYES

Project Initiation Memorandum

Dec 1949

To: Man

From: Publications Division, Projects Planning

Subject: Purges

Statement of Project:

Origin: Interest

Problem To provide specific and related information requested "relative to provide of individuals and groups of individuals by the

Scopes

The steps is to be model out at a moding between requestor and Division on 9 Decimber

Graphics (if any):

Porm:

Draft due in D/Pub:

Dissemination deadline (if any):

Responsible Division: 1/8

Internal Coordination:

Stray concelled in view of Jack of material

Departmental responsibilities:

Classification to be no higher than

Recommended Disserding tion

- 1. Devictionism

- 2. Porges 3. USB12-PBC 6 gout: 4. Boviet Sabellites-PBC-6 gout.

SEGRET

2 December 1949

MEMORANDUM FOR: D/Pub, ORE 25X1A

ATTENTION :

SUBJECT : Request for Study on Purges

- l. It is requested that this office be furnished information relative to purges of individuals and groups of individuals by the Soviet Government or Soviet satellite governments. We are interested primarily in those cases where the grounds were political offenses (rather than immorality, illegality or inefficiency). We are especially interested in cases where the offense of which the individual was suspected:
  - a. Deviationism (i.e. Trotskyism or Titoism)
  - b. Espionage or other undercover activities
  - c. Foreign sympathies
- 2. Our primary interest is to know what evidence was accepted by the Soviets as proof of the offense. If the means of detection are known (complaint, technical means, or other), such information would also be most helpful.
- 3. By the word "purges" this section refers to those cases where government officials or trusted party members have been liquidated imprisoned or removed. We have no interest in those cases where ordinary citizens have been discovered in subversive activities. We are especially interested in purges of high officials or party members.
- 4. Our interest centers more on those purges which were isolated incidents, rather than those which formed a part of great mass purgings such as those of 1934 and 1937-38. In other words we prefer those cases which, from a Soviet point of view, were judged on their own merits, rather than those which took place at a time of universal suspicion, when great masses of individuals were swept away on the flimsiest of pretexts.

- 5. We are interested in purges which took place either in Russia or in the Communist organization in other European countries.
- 6. If there is an abundance of information on post-war cases of the types outlined above, then we would restrict our attention to them, but if necessary we would be interested also in pre-war cases.

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Reference: Case No. 681